Title (en)

ROTARY ELECTRIC MACHINE

Title (de)

ELEKTRISCHE ROTIERENDE MASCHINE

Title (fr)

MACHINE ROTATIVE ÉLECTRIQUE

Publication

EP 3151389 A3 20170524 (EN)

Application

EP 16191445 A 20160929

Priority

- JP 2015194949 A 20150930
- JP 2015192868 A 20150930

Abstract (en)

[origin: EP3151389A2] A rotary electric machine (100) includes a rotor core (30) fixed at a rotation axis, a stator core (20) arranged facing the rotor core and including a plurality of teeth (22), a plurality of windings (50) wound at the plurality of teeth of the stator core, a plurality of winding connection terminals (101, 102, 71, 72) connected to respective ends of the plurality of windings, a plurality of bus bars (81, 82, 83, 84) connected to the plurality of winding connection terminals, each of the plurality of bus bars being formed in either an arc form or an annular form, and a bus bar holder (90, 93) holding the plurality of bus bars in a laminated state and including a holder engagement portion (91, 93a) engaging with a bus bar engagement portion (73b, 93b) which is provided at least at one of the plurality of bus bars.

IPC 8 full level

H02K 3/52 (2006.01)

CPC (source: EP US)

H02K 1/146 (2013.01 - US); **H02K 1/2706** (2013.01 - US); **H02K 3/18** (2013.01 - US); **H02K 3/28** (2013.01 - US); **H02K 3/522** (2013.01 - EP US); H02K 2203/06 (2013.01 - EP US); H02K 2203/09 (2013.01 - EP US)

Citation (search report)

- [XAI] WO 03081755 A1 20031002 - EBM WERKE GMBH & CO KG [DE], et al
- [A] EP 2784911 A1 20141001 - MAXON MOTOR AG [CH]
- [A] EP 1648074 A2 20060419 - MINEBEA CO LTD [JP]
- [A] US 2014014390 A1 20140116 - CHAMBERLIN BRADLEY D [US], et al
- [A] US 2007076354 A1 20070405 - KATO HAJIME [JP], et al

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EP3528370A1; FR3127650A1; EP3641105A1; EP3637594A1; WO2020074513A1; WO2023052612A1; EP3641105B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3151389 A2 20170405; **EP 3151389 A3 20170524**; **EP 3151389 B1 20191127**; US 10536046 B2 20200114; US 2017093239 A1 20170330

DOCDB simple family (application)

EP 16191445 A 20160929; US 201615245484 A 20160824